

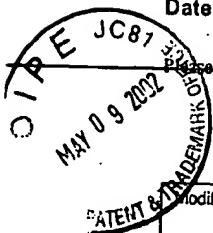
Express Mail Label No.: EV074978669US
Date of Deposit: May 9, 2002

RECEIVED

AUG 01 2002

Page 1 of 2

TECH CENTER 1600/2900



Please type a plus sign (+) in this box ☐

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Approved for use through 9/30/00. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

PTO/SB (12-97)

Modified Form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number	09/868,123
Filing Date of U.S. Natl Appl.	06/13/01
First Named Inventor	Collins
Group Art Unit	Not Yet Assigned- 1647
Examiner Name	Not Yet Assigned O'Brien
Attorney Docket Number	22058-514 NATL

U.S. PATENT DOCUMENTS

Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
1647	A1	5,696,234	12/09/97	Zurawski et al.			
1647	A2	5,599,905	02/04/97	Mosley et al.			
	A3	5,710,023	01/20/98	Collins et al.			

FOREIGN PATENT DOCUMENTS

Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No
1647	B1	WO 97/15663	Amrad Operations Pty. Ltd.	05/01/1997	
1647	B2	WO 94/04680	Schering Corporation	03/03/1994	

OTHER PRIOR ART: NON-PATENT LITERATURE DOCUMENTS

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C1	Obiri et al. (1995). "Receptor for Interleukin 13" <i>J. Biol. Chem.</i> 270(15): 8797-8804.
	C2	Vita et al. (1995). "Characterization and Comparison of the Interleukin 13 Receptor with the Interleukin 4 Receptor on Several Cell Types" <i>J. Biol. Chem.</i> 270(8): 3512-3517.
	C3	Zurawski et al. (1995). "The Primary Binding subunit of the Human Interleukin-4 Receptor Is Also a Component of the Interleukin-13 Receptor" <i>J. Biol. Chem.</i> 270(23): 13869-13878.
	C4	International Search Report for PCT/US99/29493. Mailed on April 25, 2000.
	C5	Written Opinion for PCT/US99/29493. Mailed on January 26, 2001.
	C6	McKenzie et al. (1993). "Interleukin 13, a T-cell-derived cytokine that regulates human monocyte and B-cell function" <i>Proc. Natl. Acad. Sci. USA</i> 90: 3735-3739
	C7	Minty et al. (1993). "Interleukin-13 is a new human lymphokine regulating inflammatory and immune responses" <i>Nature</i> 362: 248-250
	C8	Punnonen et al. (1994). "IL-13 Induces Proliferation, Ig Isotype Switching, and Ig Synthesis by Immature Human Fetal B Cells" <i>J. Immunol.</i> 152: 1094-1102
	C9	Punnonen et al. (1993). "Interleukin 13 induces interleukin 4-independent IgG4 and IgE synthesis and CD23 expression by human B cells" <i>Proc. Natl. Acad. Sci. USA</i> 90: 3730-3734
	C10	Cocks et al. (1993). "IL-13 Induces Proliferation and Differentiation of Human B Cells Activated by the CD40 Ligand" <i>Int. Immunol.</i> 5(6): 657-663.
	C11	Zurawski et al. (1993). "Receptors for Interleukin-13 and interleukin 4 are complex and share a novel component that functions in signal transduction" <i>EMBO J.</i> 12: 2663-2670
	C12	Hilton et al. (1996). "Cloning and characterization of a binding subunit of the interleukin 13 receptor that is also a component of the interleukin 4 receptor" <i>Proc. Natl. Acad. Sci. USA</i> 93: 497-501.
	C13	Shanafelt et al. (1998). "An Immune cell-selective Interleukin 4 agonist" <i>Proc. Natl. Acad. Sci. USA</i> 95: 9454-9458.

Rym O'Brien

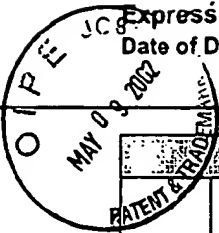
2/14/06

RECEIVED

AUG 01 2002

Page 2 of 2

TECH CENTER 1600/2900



Express Mail Label No.: EV074978669US

Date of Deposit: May 9, 2002

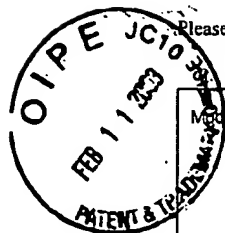
OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS		
C14	Aversa et al. (1993). "An Interleukin 4 Mutant Protein Inhibits both IL-4 or IL-13 induced Human Immunoglobulin G4 and IgE Synthesis and B Cell Proliferation: Support for a Common Component Shared by IL-4 and IL-13 Receptors" <i>J. Exp. Med.</i> 178: 2213-2218.	
C15	Grunewald et al. (1998). "An Antagonistic IL-4 Mutant Prevents Type I Allergy in the Mouse: Inhibition of the IL-4/IL-13 Receptor system Completely Abrogates Humoral Immune Response to Allergen and Development of Allergic Symptoms In Vivo" <i>J. Immunol.</i> 160: 4004-4009.	

* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under *

35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature	<i>AMT Bex</i>	Date Considered	2/14/06
-----------------------	----------------	--------------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.



Please type a plus sign (+) in this box



RECEIVED

Modified Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number	09/868,123	FEB 19 2003
	Filing Date	04/02/02	TECH CENTER 1600/2900
	First Named Inventor	Collins	
	Group Art Unit	1647	
	Examiner Name	Not Yet Assigned	DeBerry
	Attorney Docket Number	22058-514 NATL	

U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS							
Exam Initials	Cite No.	Foreign Patent Document Office Number		Name of Patentee(s) or Applicant(s)	Date of Publication mm/dd/yyyy	Translation Yes No	
	B3	EP	0 812 913	Smithkline Beecham Corporation; and Human Genome Sciences, Inc.	12/17/1997		
	B4	FR	2 742 156	Sanofi Societe Anonyme	06/13/1997		X
	B5	WO	97/31946	Genetics Institute, Inc.	09/04/1997		
	B6	WO	97/33913	Zymogenetics, Inc.	09/18/1997		
	B7	WO	97/47741	Smithkline Beecham Corporation; and Human Genome Sciences, Inc.	12/18/1997		
	B8	WO	97/47742	Smithkline Beecham Corporation; and Human Genome Sciences, Inc.	12/18/1997		
	B9	WO	98/10638	Amrad Operations Pty. Ltd.	03/19/1998		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.					
	C16	Caput, et al. (1996). "Cloning and Characterization of a Specific Interleukin (IL)-13 Binding Protein Structurally Related to the IL-5 Receptor α Chain" J Biol Chem 271: 16921-16926.					
	C17	Donaldson, et al. (1998). "The Murine IL-13 Receptor $\alpha 2$: Molecular Cloning, Characterization, and Comparison with Murine IL-13 Receptor $\alpha 1$ " J Immun 161: 2317-2324.					
	C18	Collins, et al. (1991). "Comparison of two distinct ligand binding chains for the IL13 receptor in the mouse" J Allergy Clin Immun 99: 287. (ABSTRACT ONLY)					
	C19	Supplementary Partial European Search Report, for EP 99966166.3-2401-US9929493 dated May 13, 2002.					

* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature	<i>R M DeBerry</i>	Date Considered	2/14/06
---------------------------	--------------------	------------------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.